

Table 27. Doctoral scientists and engineers, by occupation and sex: 1999

Occupation	Total	Male	Female	Total	Male	Female
	Number			Percent		
All occupations.....	626,160	476,290	149,870	100.0	76.1	23.9
Scientists.....	385,730	283,920	101,810	100.0	73.6	26.4
Computer and information scientists.....	34,360	29,970	4,400	100.0	87.2	12.8
Computer/information scientists.....	27,800	24,510	3,290	100.0	88.2	11.8
Postsecondary teachers, computer sciences.....	6,570	5,460	1,110	100.0	83.1	16.9
Mathematical scientists.....	22,450	18,480	3,980	100.0	82.3	17.7
Mathematical scientists.....	7,270	5,660	1,620	100.0	77.8	22.2
Postsecondary teachers, math sciences.....	15,180	12,820	2,360	100.0	84.4	15.6
Life and related scientists.....	118,310	85,120	33,200	100.0	71.9	28.1
Agricultural scientists.....	10,080	8,580	1,500	100.0	85.1	14.9
Biological scientists.....	66,010	44,510	21,490	100.0	67.4	32.6
Forestry and conservation scientists.....	1,460	1,210	240	100.0	83.2	16.8
Postsecondary teachers, life and related sciences.....	40,770	30,820	9,960	100.0	75.6	24.4
Physical and related scientists.....	87,660	76,240	11,420	100.0	87.0	13.0
Chemists, except biochemistry.....	30,000	25,310	4,690	100.0	84.4	15.6
Earth scientists.....	11,010	9,820	1,190	100.0	89.2	10.8
Physics and astronomers.....	15,310	14,280	1,030	100.0	93.3	6.7
Other physical scientists.....	1,610	1,340	270	100.0	83.1	16.9
Postsecondary teachers, physical and related sciences	29,720	25,490	4,230	100.0	85.8	14.2
Social scientists.....	51,910	37,270	14,640	100.0	71.8	28.2
Economists.....	8,140	6,240	1,900	100.0	76.7	23.3
Political scientists.....	1,340	980	370	100.0	72.6	27.4
Sociologists and anthropologists.....	4,450	2,280	2,170	100.0	51.3	48.7
S&T historians and other social scientists.....	2,510	1,410	1,100	100.0	56.4	43.6
Postsecondary teachers, social sciences	35,470	26,360	9,110	100.0	74.3	25.7
Psychologists.....	71,020	36,840	34,180	100.0	51.9	48.1
Psychologists.....	53,150	26,320	26,830	100.0	49.5	50.5
Postsecondary teachers, psychology.....	17,870	10,520	7,350	100.0	58.9	41.1
Engineers.....	83,850	78,110	5,740	100.0	93.2	6.8
Aerospace/aeronautical engineers.....	4,720	4,500	230	100.0	95.2	4.8
Chemical engineers.....	8,960	8,170	800	100.0	91.1	8.9
Civil and architectural engineers.....	4,370	4,180	190	100.0	95.7	4.3
Electrical and related engineers.....	16,650	15,700	950	100.0	94.3	5.7
Materials/metallurgical engineers.....	1,100	930	170	100.0	84.6	15.4
Mechanical engineers.....	9,570	9,250	320	100.0	96.7	3.3
Other engineers.....	19,480	17,770	1,710	100.0	91.2	8.8
Postsecondary teachers, engineering.....	19,000	17,620	1,380	100.0	92.7	7.3
Non-S&E occupations.....	156,590	114,260	42,320	100.0	73.0	27.0
Top/mid-level managers, administrators, etc.....	75,340	61,360	13,980	100.0	81.4	18.6
Health and related occupations.....	18,970	12,710	6,260	100.0	67.0	33.0
Teachers, except S&E postsecondary teachers.....	26,670	14,110	12,560	100.0	52.9	47.1
Social services and related occupations.....	2,810	1,790	1,020	100.0	63.7	36.3
Technicians/technologists.....	8,640	7,470	1,170	100.0	86.4	13.6
Sales and marketing occupations.....	7,320	5,500	1,820	100.0	75.2	24.8
Other non-S&E occupations.....	16,840	11,330	5,510	100.0	67.3	32.7

KEY: S&T=science and technology. S&E=science and engineering.

NOTES: If the respondent was unemployed during the survey reference period, occupation of last job was reported. Numbers are rounded to nearest ten. Details may not add to total because of rounding. Excludes estimated 540 individuals who reported never having worked.

SOURCE: National Science Foundation/Division of Science Resources Statistics, 1999 Survey of Doctorate Recipients